



## PATENT ABSTRACTS OF JAPAN

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WATANABE TAKUYA****(54) PREPAID CARD PROCESSOR****(57) Abstract:**

**PROBLEM TO BE SOLVED:** To predict how many times a card can be used in future judging from the balance of the card and perform an adding process in an early stage by calculating an estimated usable frequency from the frequency of use, cumulative use amount, and balance of the prepaid card which are obtained on the basis of read information, and outputting the estimated usable frequency.

**SOLUTION:** The prepaid card which is inserted into a card insertion slot is decided and carried into a device by a card carrying mechanism 7c, and a read means 7a reads magnetic information out of the card. A subtracting means 8a subtracts a current transaction amount of money from the use frequency, cumulative use amount, and balance of the read card and writes the new card balance after the subtraction in a writing means 7b, thereby adding it to the cumulative amount of money. The new cumulative use amount of money is divided by the new usable frequency to find the mean value of a use amount of money per use, and the new card balance is divided by this mean value to calculate the estimated

usable frequency, which is outputted on a printer printing means 9a and a display unit 9b.

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